

***ESL Science***

## Ms. C. Mullin

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# UNIVERSITY HILL SECONDARY SCHOOL

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### Our Mission

At University Hill Secondary our goal is to provide a learning environment supporting co-operation, responsibility, and diversity which encourages students to reach their intellectual, social, physical, and creative potentials.

**ESL Science** is a diverse course that covers topics in chemistry, biology, physics and earth sciences. It is important for students to improve their theoretical and practical skills in this course.

**Goals:** To improve English language ability, study skills, and understanding of science concepts in preparation for success in regular science classes.

Students will be expected to:

-safely demonstrate appropriate lab skills

-retain base level of content knowledge

-improve oral and written English

-participate in classroom activities

-develop study skills such as note taking, researching, organizing, critical thinking, collaboration, presenting and more!

**Marks and Reporting:**

An anecdotal report will be provided.

**Equipment and Materials**

* 3-ring binder with dividers
* Writing materials
* Ruler
* Scientific calculator
* Graph paper

Resources

* BC Science 9 workbook: cost is $10, you may buy one to use or leave a $10 deposit which will be refunded if you return the unused workbook at the end of the year.
* Classroom and internet resources

***Course Content:***

**~ Introduction to Science**

**~ Lab Safety, Measurement**

**~ Chemistry**

Matter, atoms, molecules, elements, compounds,

reactions, etc.

**~ Biology**

Cells, body systems, introductory genetics

**~ Physics**

Energy, light, electricity

**~ Astronomy**

Solar system, stars, and the universe

**~ Other Topics**

Plate tectonics, climate change, etc.

The content we cover is subject to change depending on the needs of the students.

Learning Outcomes at the provincial level, past Provincial Exams and Keys, Exam Specifications, calculator policies, etc. are available from the Ministry of Education at: [www.gov.bc.ca/bced/](http://www.gov.bc.ca/bced/)

###### Policies and Procedures

*The following are in addition to the VSB Policies and School Policies that appear in the Student Agenda.*

**Attendance***:* A note from home is required for any absence. The note must include the date and the reason for absence. If you have to be absent from a class for athletics, fine arts, or at the request of another teacher, you must speak to me first.

**Punctuality**: Students are expected to arrive on time. If you arrive late and the door is closed, knock quietly and wait. Being in class, on time and prepared to work is essential to successful learning.

**Assignments**: It is your responsibility to have assignments completed on time. If absent, find out what the assignment was and hand it in the following class. When working in groups, students may share data but are expected to answer lab questions on their own. Plagiarism (using another person’s work as your own) is a form of cheating, and this includes copying homework and taking answers off of the internet. If you have any questions about what constitutes plagiarism, please ask me.

**Extra Help**: I am available most afternoons right after school, and other times by appointment. Try room 25 first, although I may be in another Science classroom.

**Open Lab Times**: All science lab activities must be under the direct supervision of a teacher.

**Safety**: Students must follow safe lab procedures at all times. There are NO EXCEPTIONS! Please respect equipment and keep your workspace and classroom clean. Follow all instructions given by your teacher, and if you are ever unsure what to do, ASK.

**Assessment:**

**-**Although you will not receive a percentage mark on your report card for this course, you will be expected to complete all activities and assignments, and marks will be given in class to reflect your achievements.

-Completing all in-class tasks and homework indicates that you are working hard to advance.

-Class participation is important, including paying attention and participating in discussions.

-Quizzes will be given to assess your understanding of course content and progress.

Cheating is a serious offence and will result in a score of zero, notes to your counsellor and administrator and a call home. Refer to the student agenda for further details.